

Pipeline Safety Issues City of Bellevue, Washington

Bellevue is at high risk for a pipeline leak

- Olympic Pipeline corridor runs through a densely populated area
- Pipeline right-of-way has been encroached upon and activities in the right-of-way are not closely managed by Olympic
- The pipeline follows a very hilly terrain, causing high pressures at low points
- Operating pressure for the pipeline varies widely
- Olympic's 16" line is 35 years old
- Management changes and stress in Olympic Pipeline's organization exacerbate risk

Olympic's 1996-97 Pig Tests showed 29 anomalies in Bellevue

- 29 anomalies, including 6 mashes/dents were found
- 12 anomalies were inspected; 6 defects were repaired
- Pig tests are outdated; newer pig technology may not show all types of problems, especially those which can lead to catastrophic ruptures

Leak detection and shutdown of major leak in Bellevue would not be fast enough to prevent substantial spill

- No valves on 16" line in Bellevue
- 2 manual valves on 20" line in Bellevue; these valves are unlikely to be closed in time to prevent catastrophic spill
- Gravity would empty the pipeline to lowest point(s)
- Potential spill volume of 1 million gallons (4 times more than Bellingham spill)

Most vulnerable locations are major transportation arteries and sensitive environmental areas

- Interchange of I-90 and I-405 carries over 230,000 trips/day
- SR-520 carries over 110,000 trips/day
- Kelsey Creek has Chinook, Sockeye and Coho Salmon and Cutthroat Trout
- Richards Creek has Chinook, Sockeye and Coho Salmon and Steelhead, Cutthroat and Rainbow Trout
- Coal Creek has Chinook, Sockeye and Coho Salmon; Steelhead and Cutthroat Trout; and long-fin smelt
- Kelsey Creek and Richards Creek wetlands are critical fish and wildlife habitat
- Coal Creek Regional Park provides habitat and recreational opportunities; a non-profit citizens group was formed recently to help preserve and enhance this natural resource area.

Bellevue's citizens are highly concerned about the safety of our neighborhoods and schools

- 2 schools are adjacent to the pipelines
- 11 more schools and Bellevue Community College are within ½ mile of the pipelines
- Neighborhood Networks have proposed a public pipeline forum with Olympic
- City has received numerous calls from residents and realtors about the location of pipeline and anomalies, and potential consequences of rupture